Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039457.D
Acq On : 12 Feb 2019 9:12
Operator : JU/SJ
Sample : K1450-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 12 11:36:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52432	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	233432	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	160738	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	399843	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	411227	20.00	ng	-0.02
87) Perylene-d12	25.20	264	412021	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	438675	143.19	ng	0.00
7) Phenol-d6	7.31	99	586476	130.06	ng	-0.01
23) Nitrobenzene-d5	9.35	82	409201	109.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	281346	162.55	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	992948	88.62	ng	-0.02
79) Terphenyl-d14	20.13	244	1654064	85.14	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1277	Below Cal	#	20
19) n-Nitroso-di-n-propylamine	9.35	70	55303	17.279	ng	# 67
32) Benzoic acid	10.24	122	56	9.042	ng	# 35
48) 2-Nitroaniline	13.42	65	1835	8.821	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	21000	14.032	ng	# 24
56) 4-Nitrophenol	15.43	139	93	5.831	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	21000	13.481	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	991	4.970	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	22345	5.037	ng	# 1
77) Benzidine	20.13	184	30223	2.242	ng	# 95

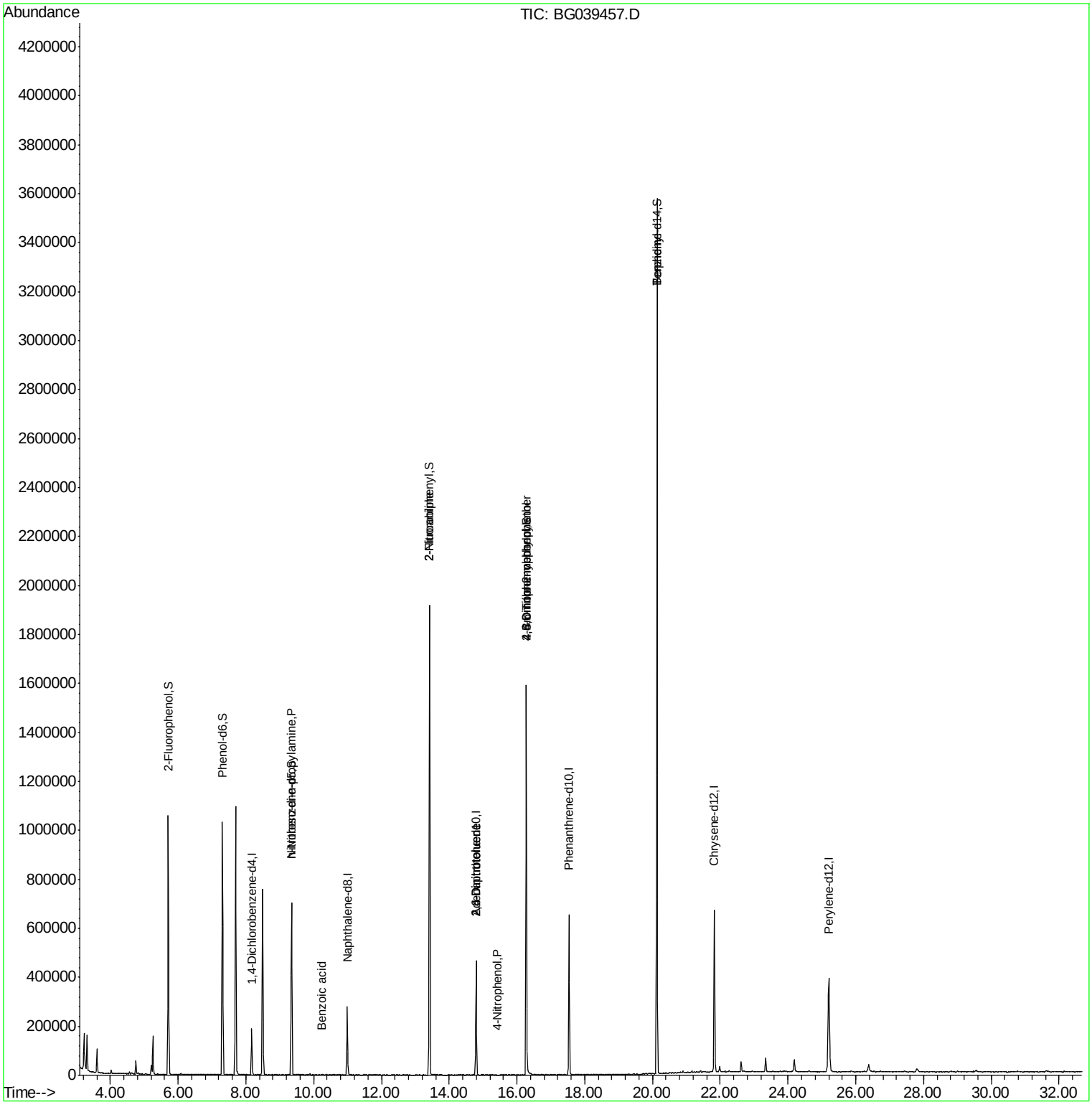
(#) = qualifier out of range (m) = manual integration (+) = signals summed

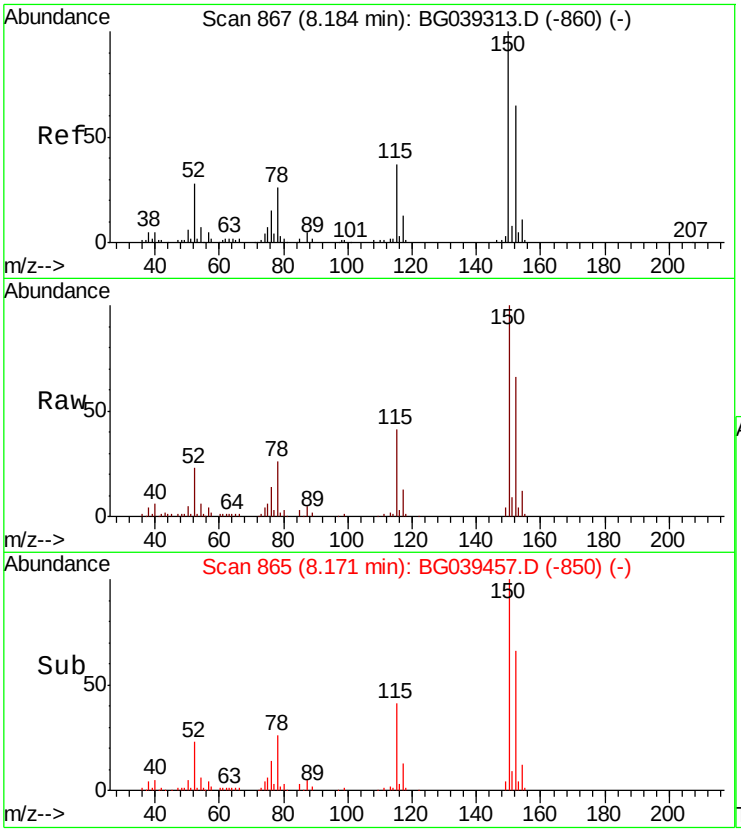
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039457.D
Acq On : 12 Feb 2019 9:12
Operator : JU/SJ
Sample : K1450-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 12 11:36:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



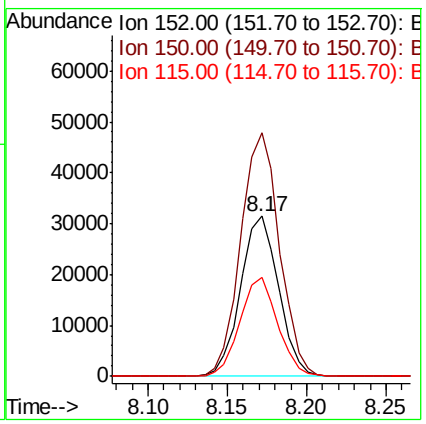


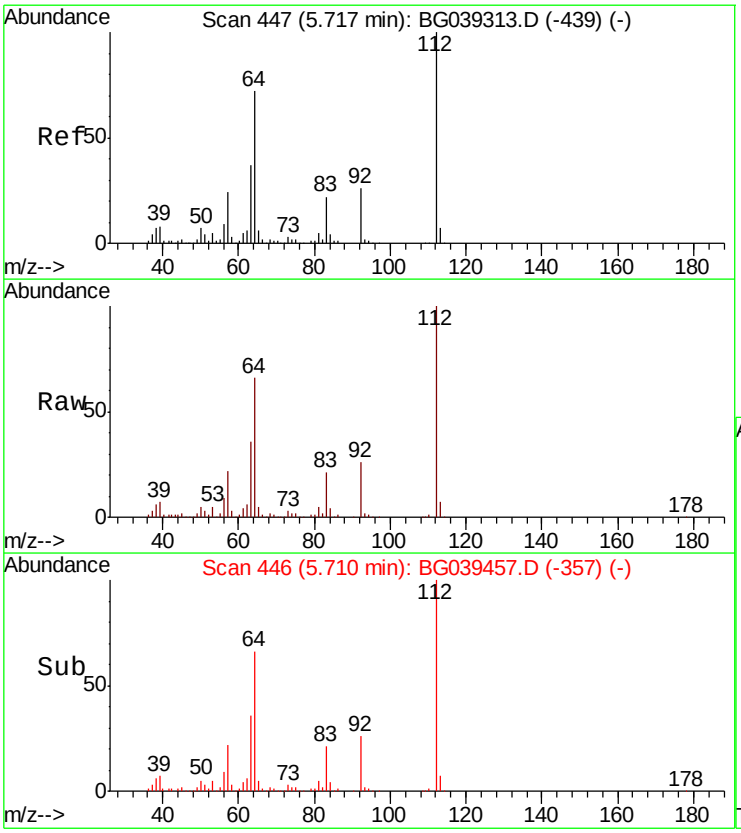
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52432

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.7	185.5
115	62.1	45.9	68.9

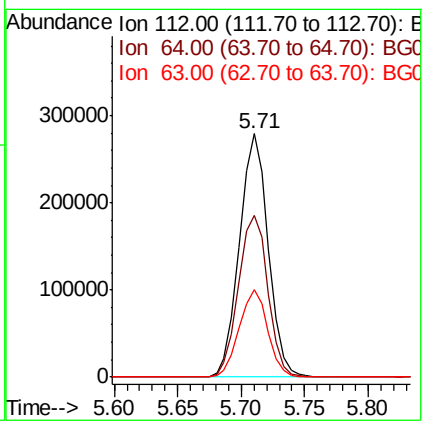


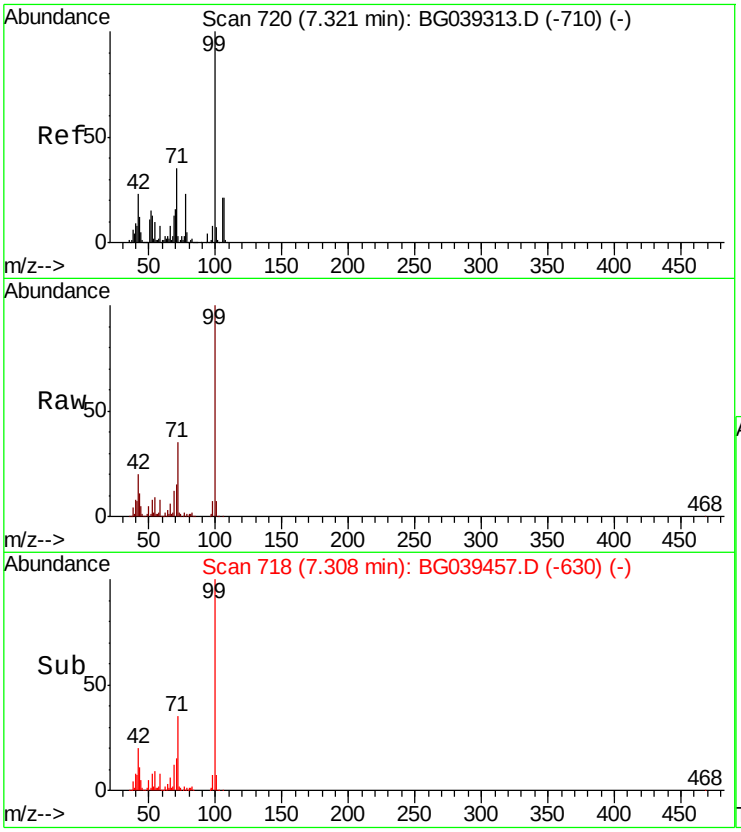


#5
2-Fluorophenol
Concen: 143.194 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:112 Resp: 438675

Ion	Ratio	Lower	Upper
112	100		
64	66.4	57.8	86.8
63	35.9	29.8	44.6



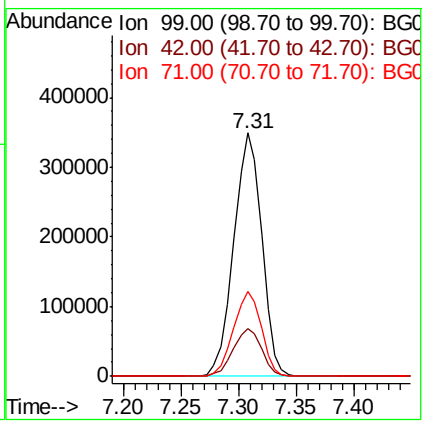


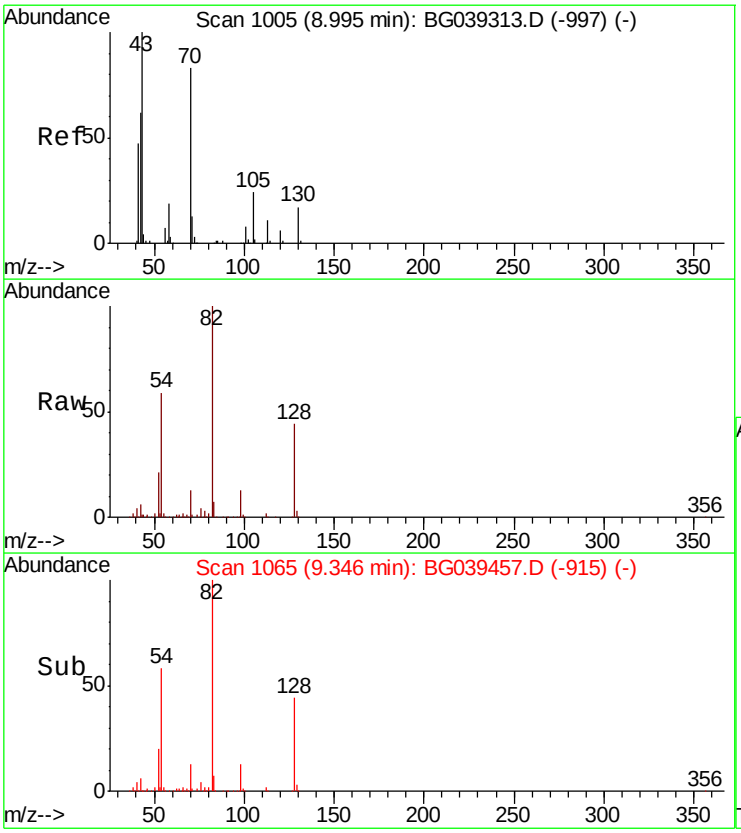
#7
Phenol-d6
Concen: 130.057 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 586476

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	35.1	28.0	42.0

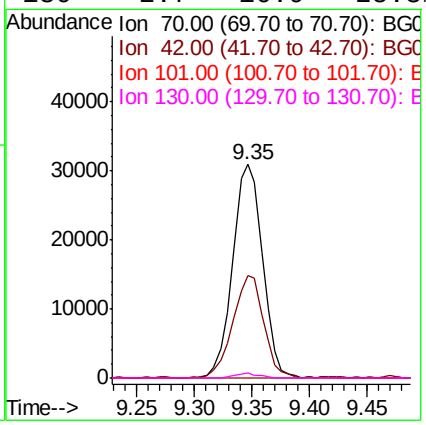


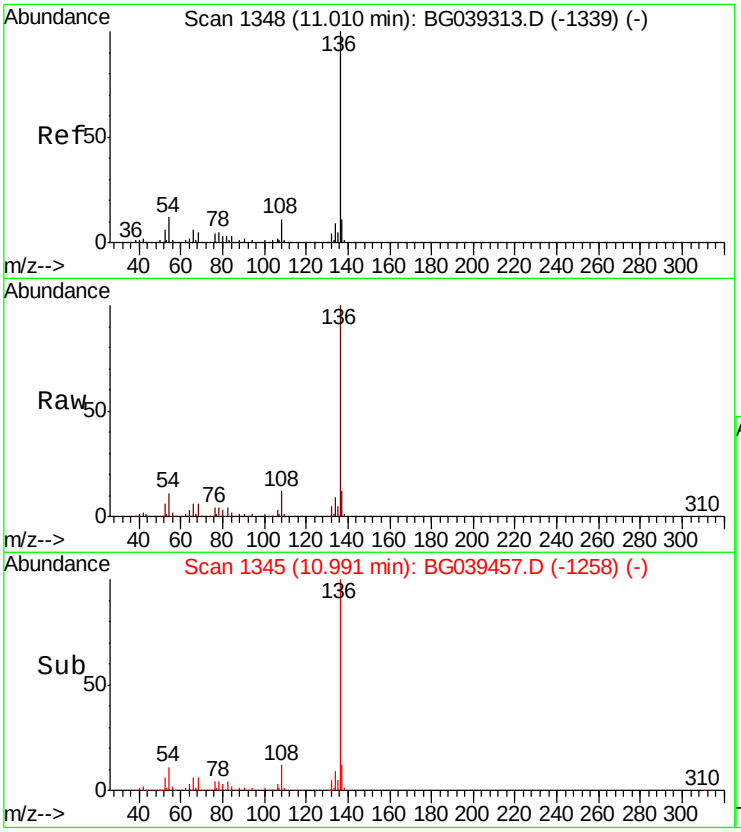


#19
n-Nitroso-di-n-propylamine
Concen: 17.279 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion: 70 Resp: 55303

Ion	Ratio	Lower	Upper
70	100		
42	48.2	60.4	90.6#
101	0.0	7.5	11.3#
130	2.7	16.9	25.3#



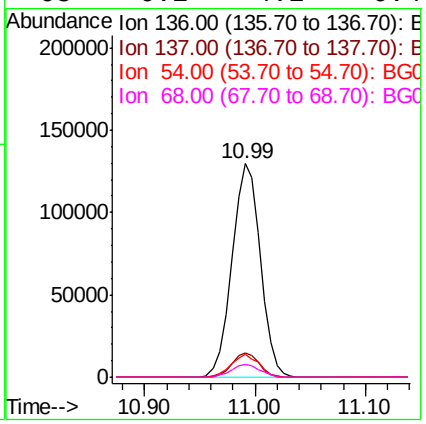


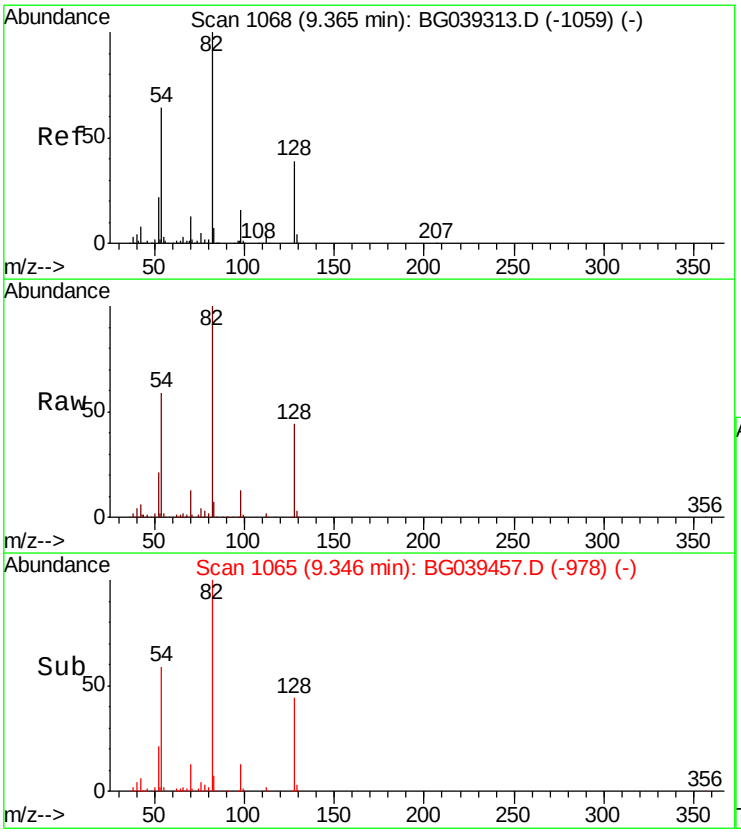
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 233432

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.6	9.4	14.2
68	6.2	4.2	6.4

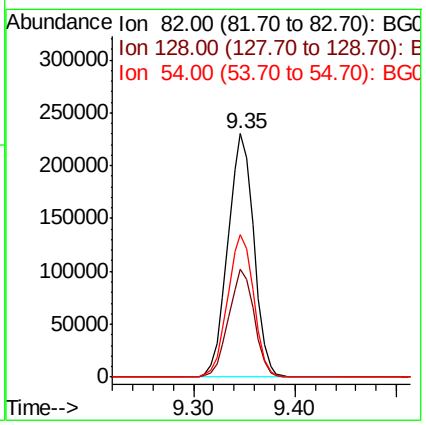


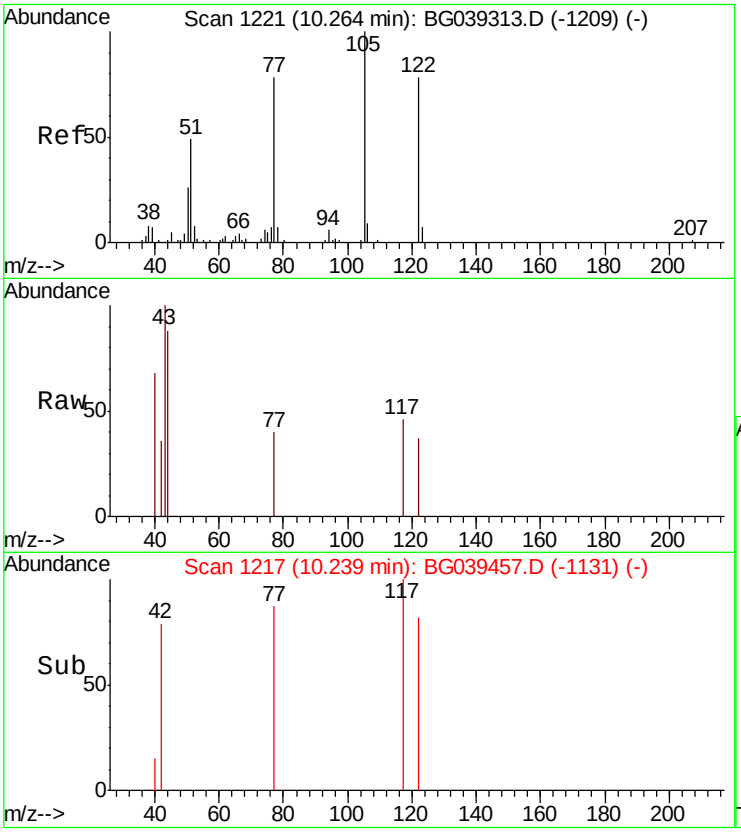


#23
Nitrobenzene-d5
Concen: 109.511 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion: 82 Resp: 409201

Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.3	46.9
54	58.6	50.9	76.3



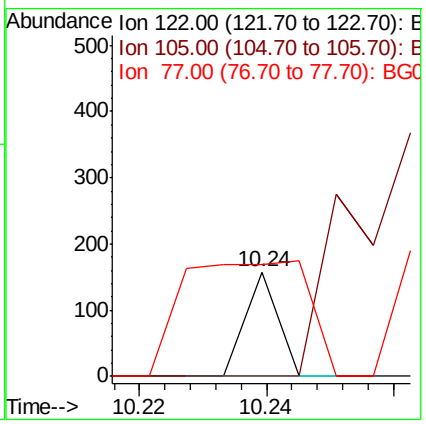


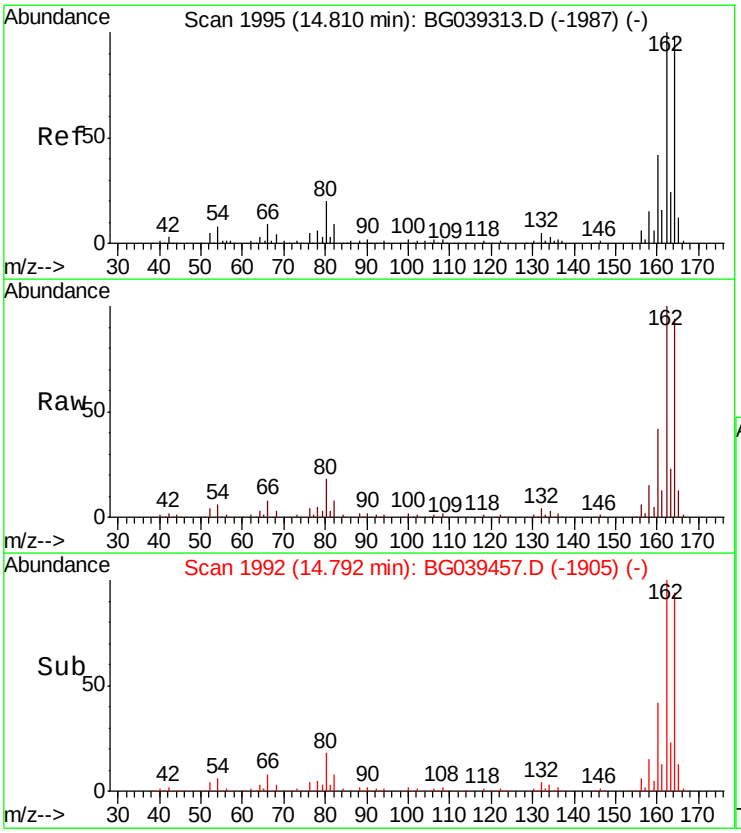
#32
Benzoic acid
Concen: 9.042 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	106.3	76.3	116.3

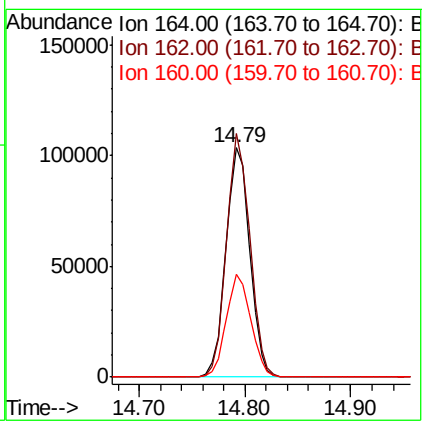


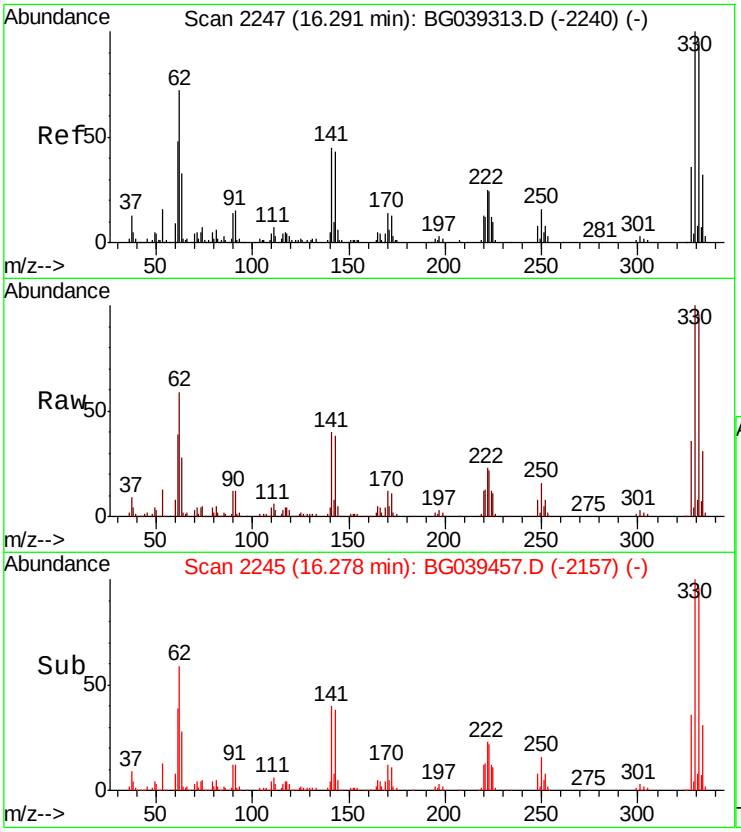


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:164 Resp: 160738

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.6	122.4
160	44.7	34.2	51.2



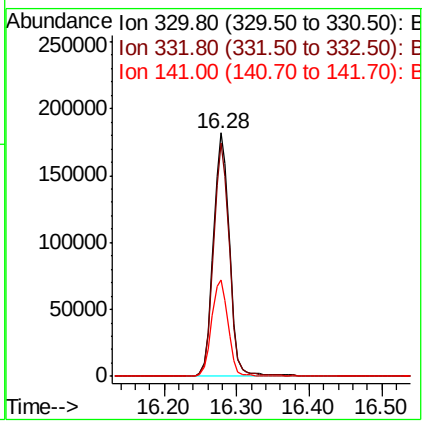


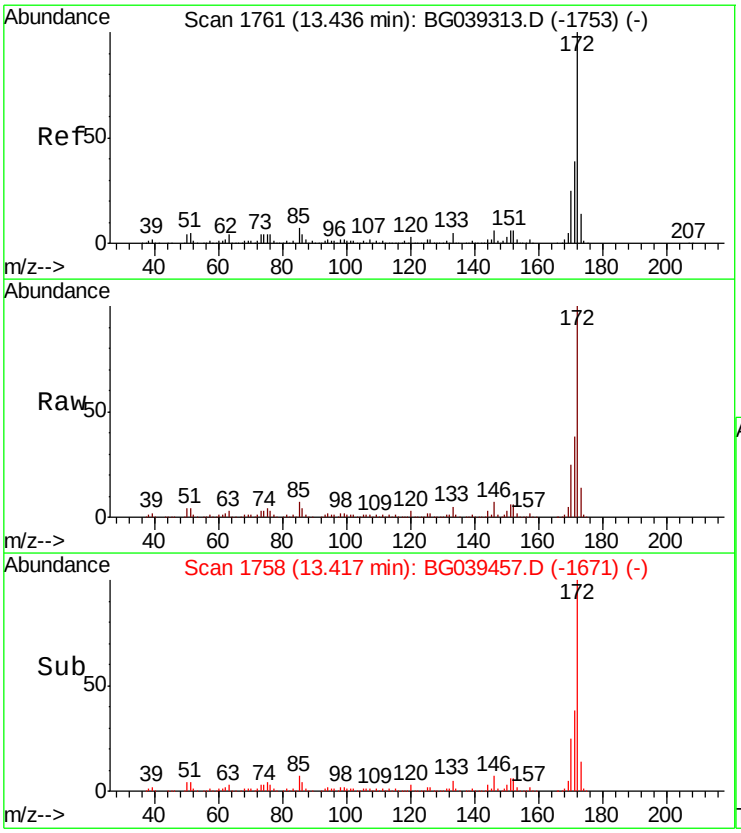
#42
2,4,6-Tribromophenol
Concen: 162.546 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 281346

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	40.4	35.6	53.4

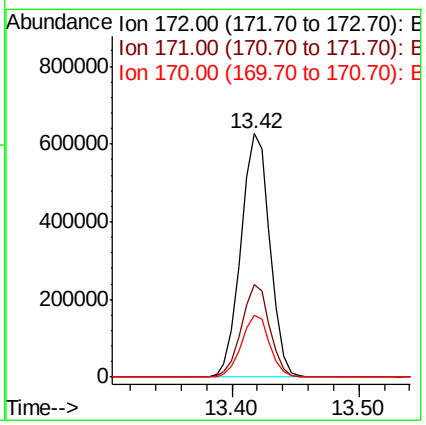


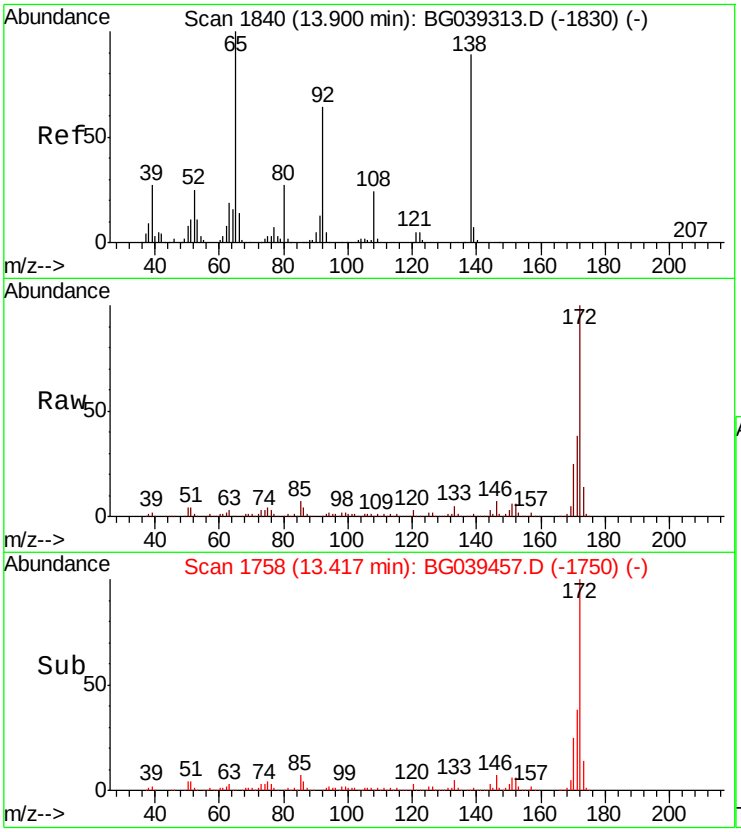


#45
2-Fluorobiphenyl
Concen: 88.618 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:172 Resp: 992948

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4



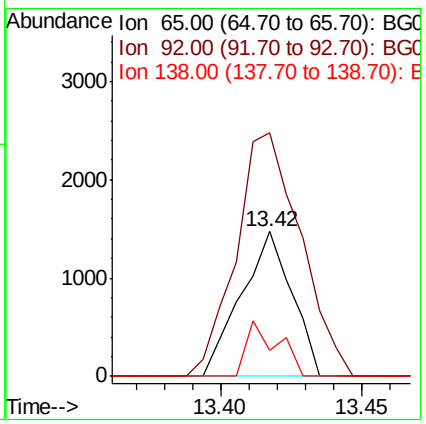


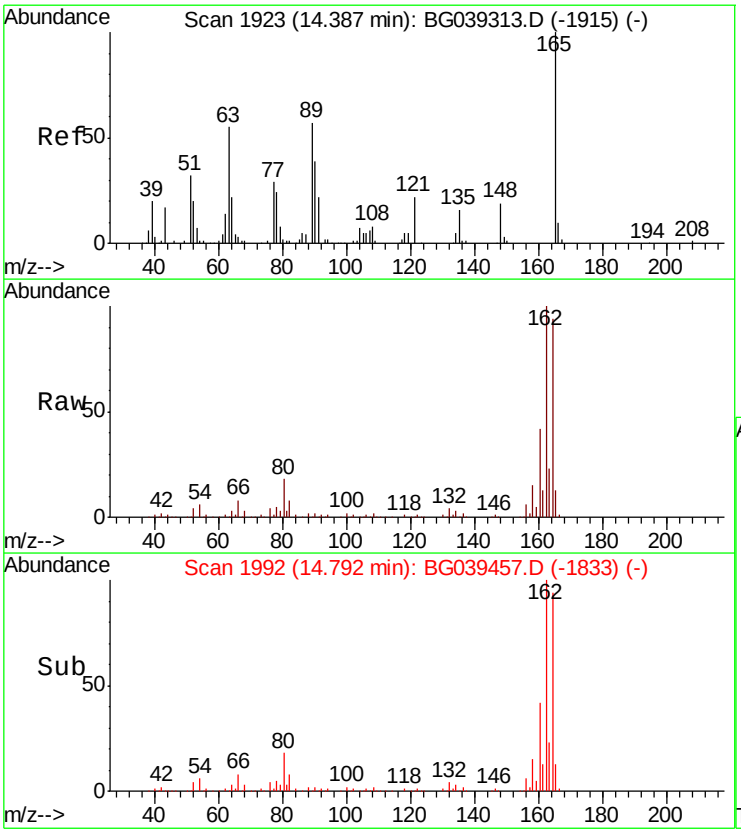
#48
2-Nitroaniline
Concen: 8.821 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1835

Ion	Ratio	Lower	Upper
65	100		
92	167.9	51.4	77.2#
138	17.7	71.4	107.2#

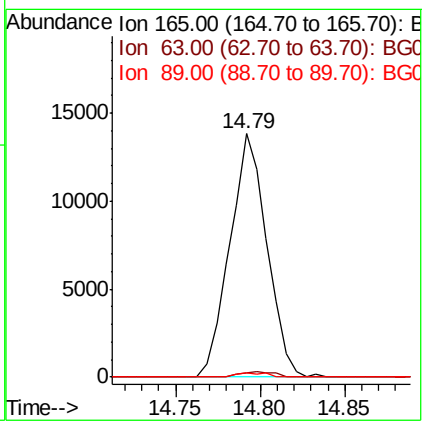


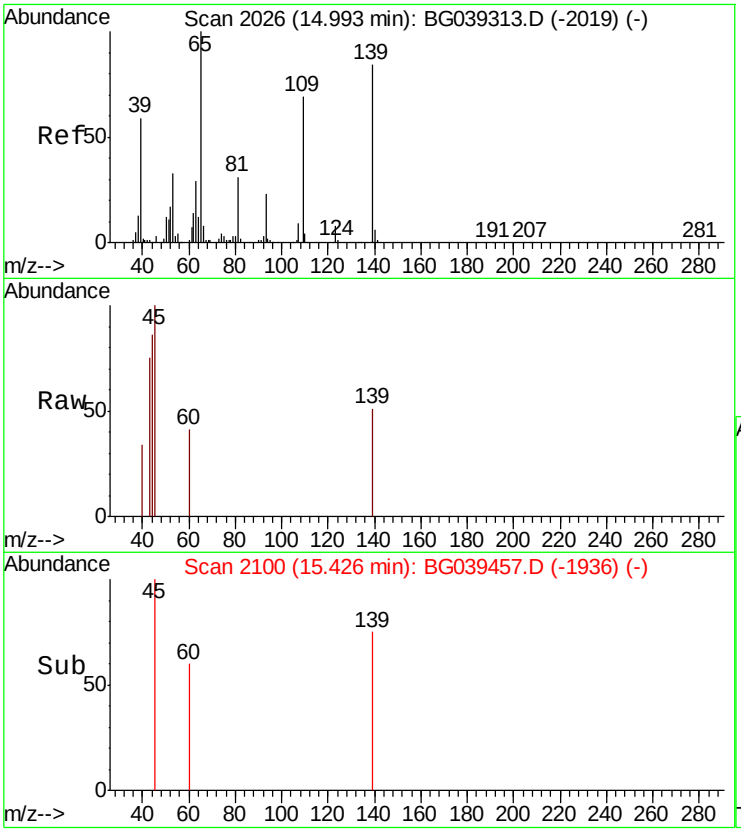


#51
2,6-Dinitrotoluene
Concen: 14.032 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:165 Resp: 21000

Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.0	70.6#
89	1.9	45.8	68.8#



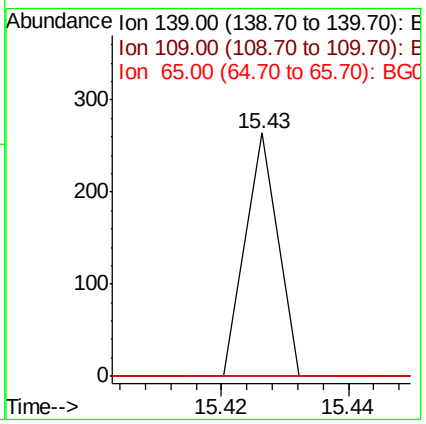


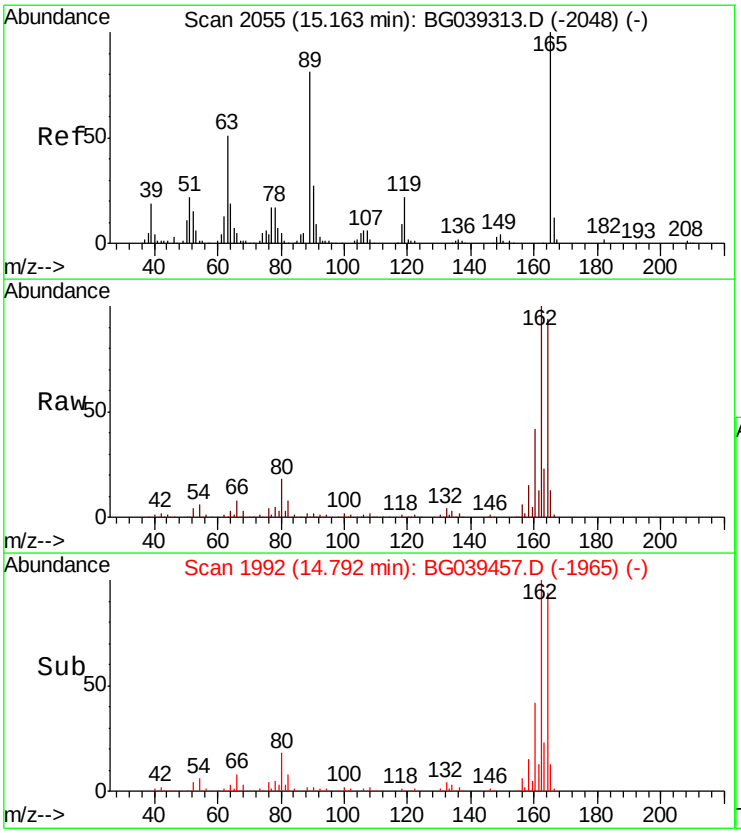
#56
4-Nitrophenol
Concen: 5.831 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.43 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 93

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

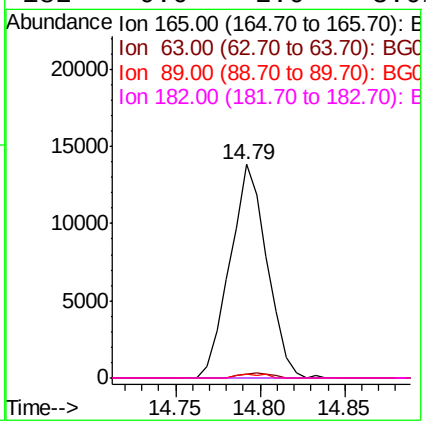


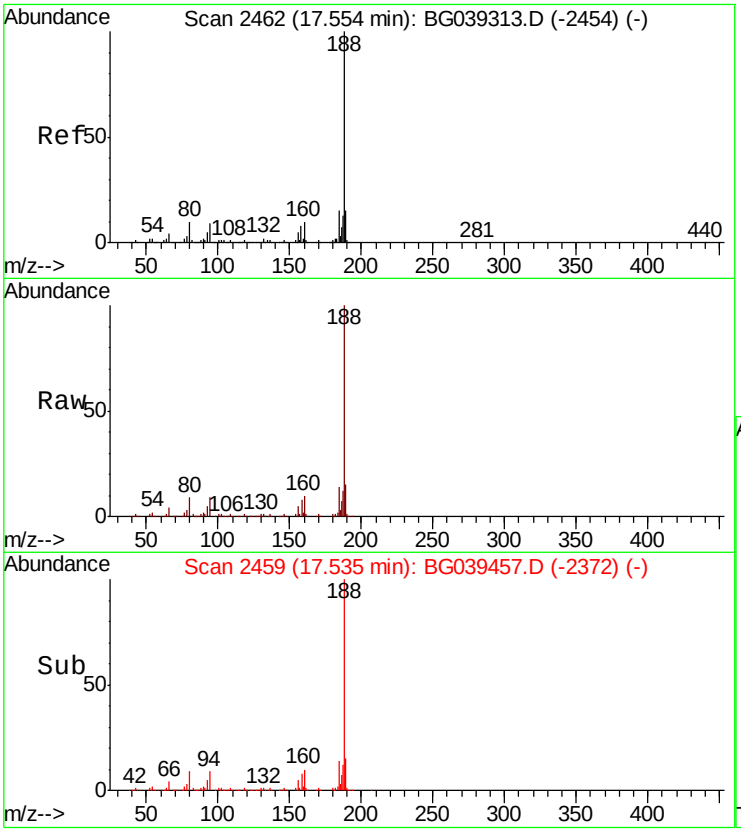


#57
2,4-Dinitrotoluene
Concen: 13.481 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:165 Resp: 21000

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	1.9	64.6	96.8#
182	0.0	2.0	3.0#



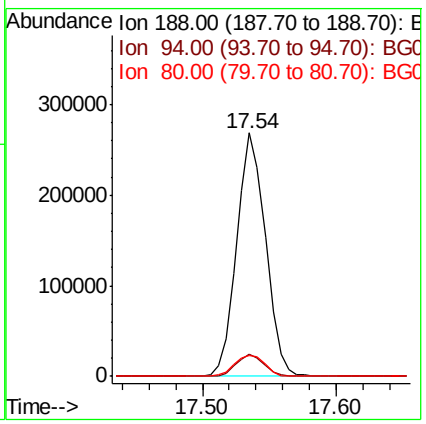


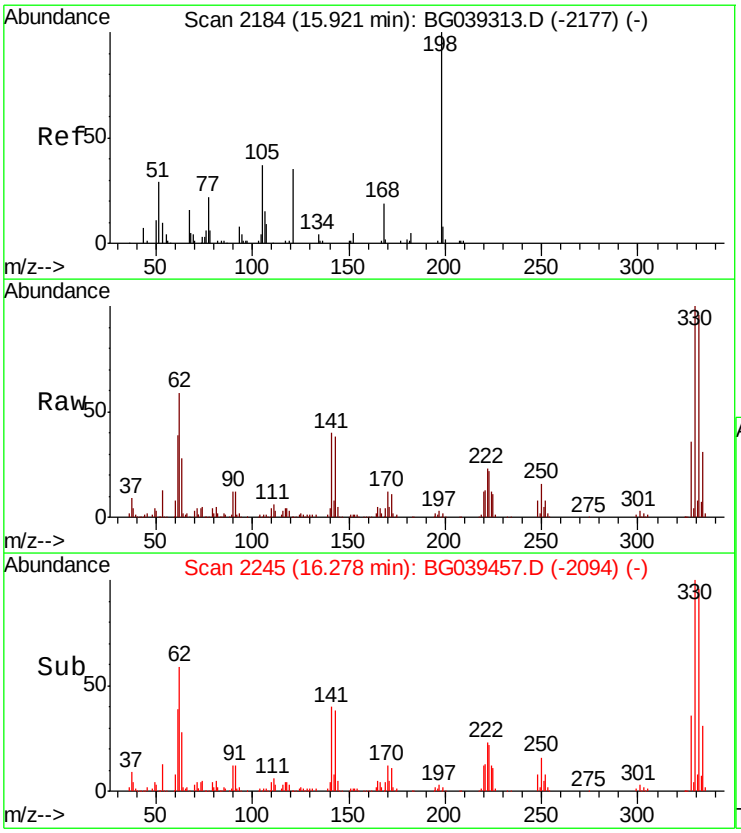
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 399843

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	8.7	8.1	12.1

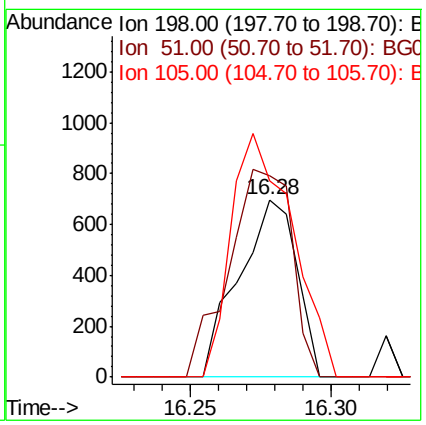


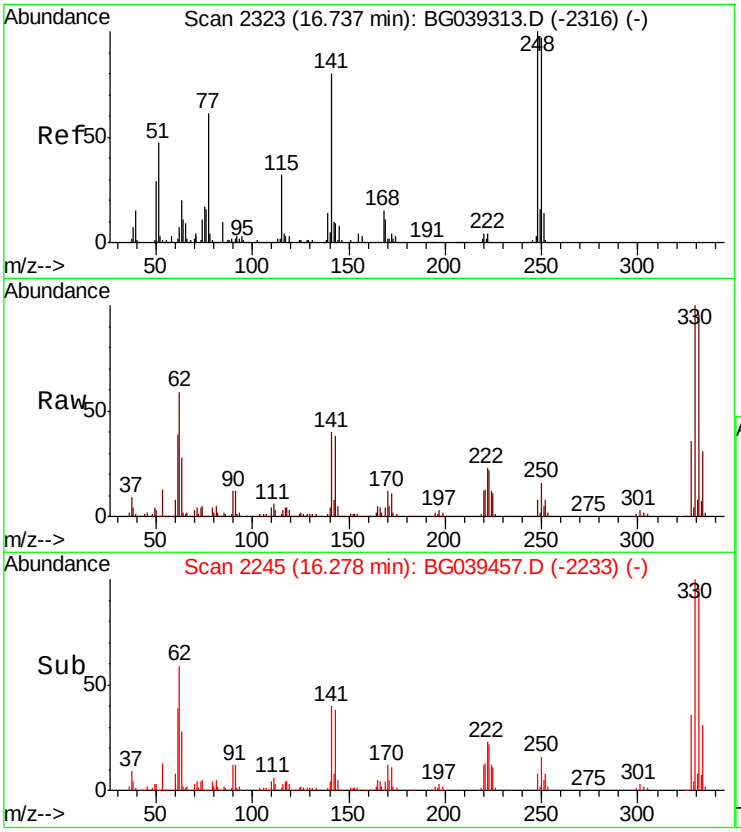


#65
4,6-Dinitro-2-methylphenol
Concen: 4.970 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:198 Resp: 991

Ion	Ratio	Lower	Upper
198	100		
51	113.5	27.4	67.4#
105	110.5	19.7	59.7#



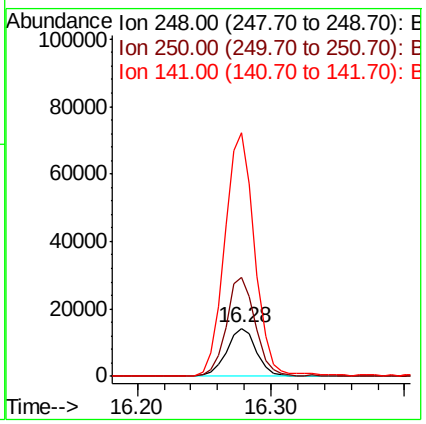


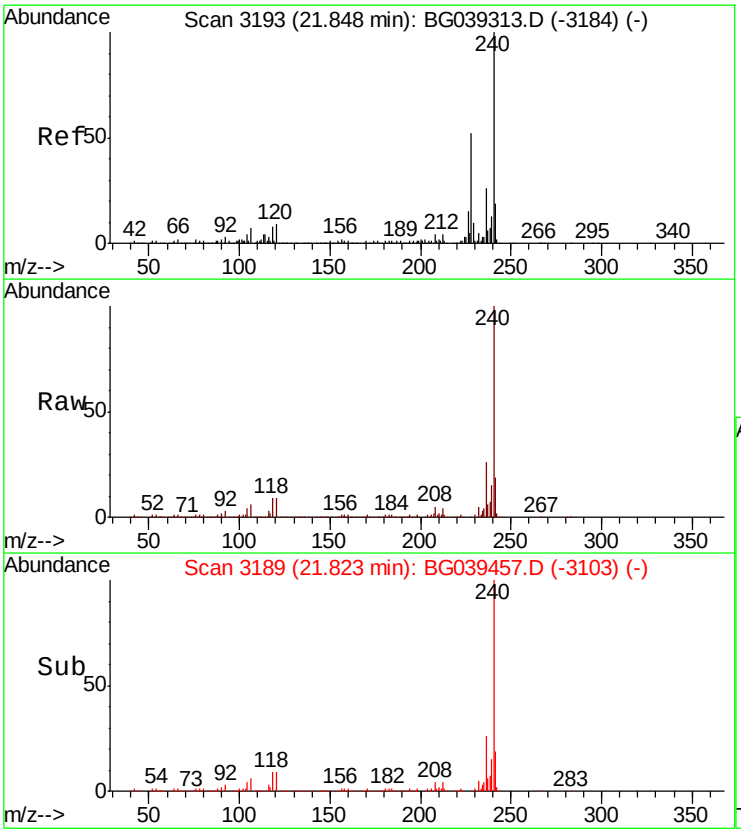
#67
4-Bromophenyl-phenylether
Concen: 5.037 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22345

Ion	Ratio	Lower	Upper
248	100		
250	203.6	77.6	116.4#
141	503.0	63.9	95.9#

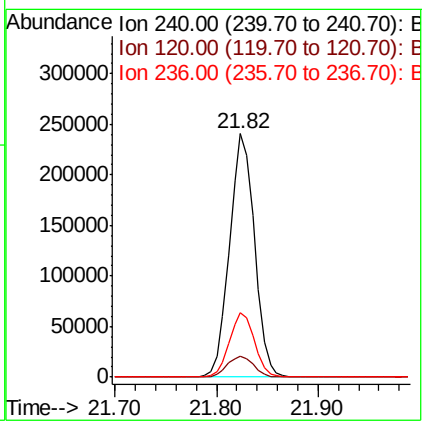


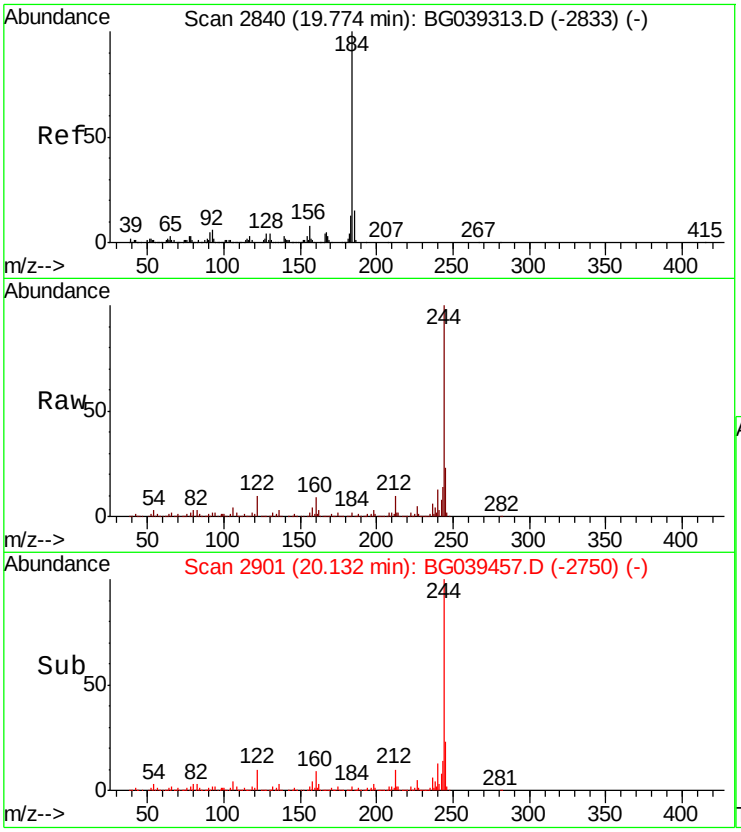


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:240 Resp: 411227

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.3	21.0	31.4



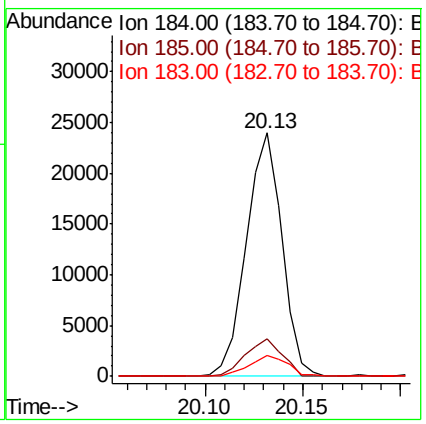


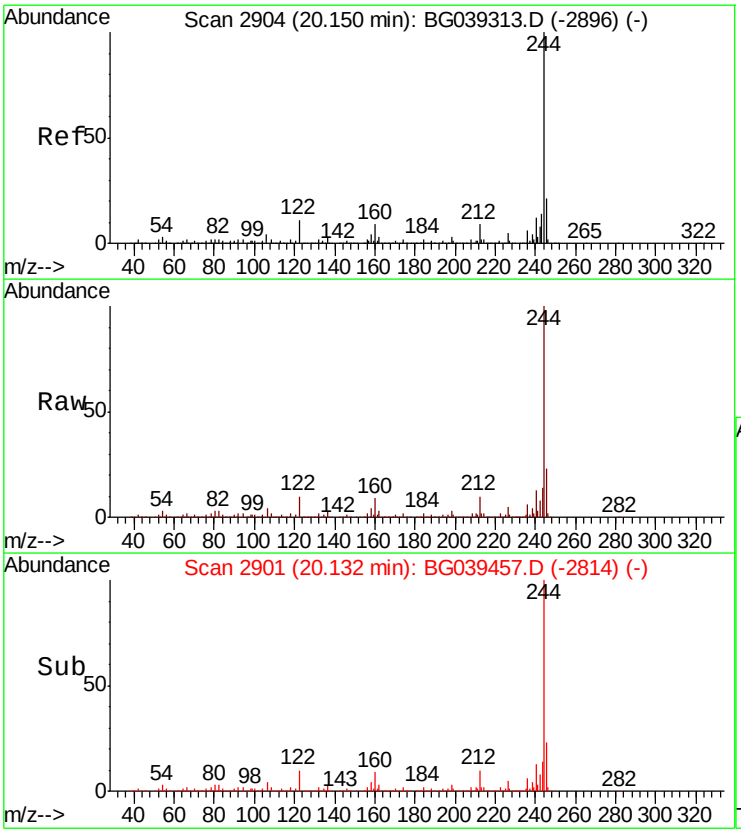
#77
Benzidine
Concen: 2.242 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 30223

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	8.8	10.6	15.8#

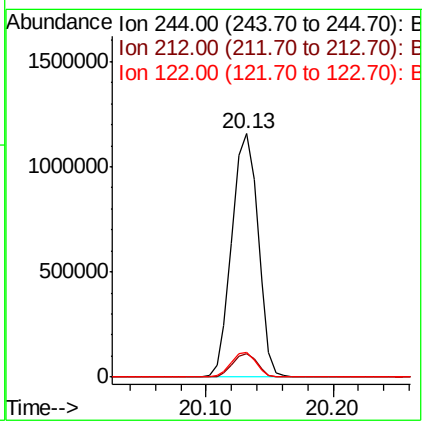


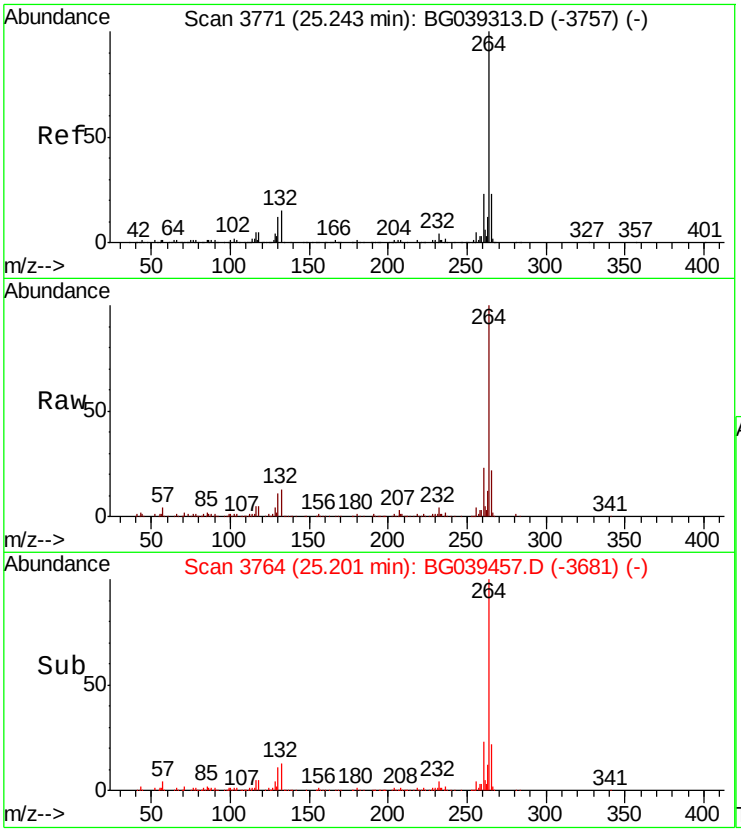


#79
Terphenyl-d14
Concen: 85.139 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:244 Resp: 1654064

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 412021

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.0	18.5	27.7